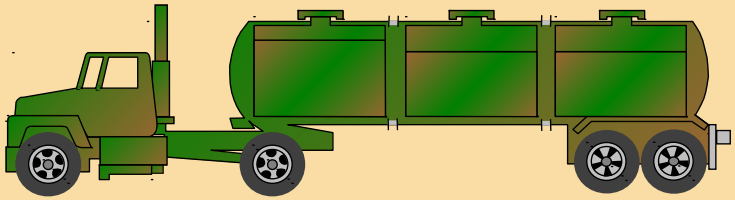
475th Quartermaster Group

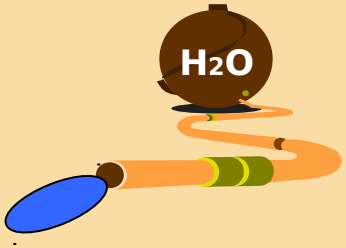
475th Quartermaster Group (Petroleum and Water)

COL Sam Calderon
SGM Connie Grace

475th Quartermaster Group

OLLEX "2004"





Liquid Logisticians

475th Quartermaster Group

Agenda

- QLLEX Mission and Objectives
- QLLEX/POLEX Background
- QLLEX 04 Overview
- Homeland Support
- Summary

Quartermaster Liquid Logistics Exercise (QLLEX) Mission Statement

475th Quartermaster Group

The 475th QM GP will plan and manage bulk petroleum and water distribution assets for the theater by executing a large multi-echelon exercise called QLLEX. Fuel operations will include receipt, distribution, storage and accountability of JP8 fuel at various military installations across the United States. Additionally, water operations will purify, store, and distribute water at selected sites, providing potable water to military customers. Exercise will be conducted each year during the summer

QLLEX-04 Exercise & Group Objectives

475th Quartermaster Group

- Ensure soldiers are trained to standard in their wartime mission (Collective tasks to MTP standards).
- Provide Battle Focused Training in concert with Training Support Battalions and Brigades (Heavy emphasis on Force Protection).
- Provide JP8 fuel to DOD customers at the direction of DESC Americas.
- Establish bulk petroleum storage and distribution operations.
- Establish water purification, storage and distribution operations.
- Establish and provide theater Quartermaster support

QLLEX Background

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- 1983 - POLEX began locally with the 475th QM Gp with four battalions and 15 companies as a training exercise for the storage and distribution of bulk petroleum.
- 1993 - Water training opportunities were added.
- 1995 - USARC begins sponsoring POLEX, recognizing value of the exercise. 475th QM GP appointed as the USARC "Action Agent" for the exercise.
- 2003 - POLEX re-designated Quartermaster Liquid Logistics Exercise (QLLEX) for 2004

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Overview QLLEX-04

- Operational Dates: 29 May - 8 Aug 2004
- Participants
  - 475th QM Group, C2
  - Three Liaison Detachments
  - Twenty-five Battalions
  - 100 Companies/Detachments
- 14 Major Training Locations
- Korea Based Training Scenario

Planned

QLLEX-04 Supported Commands

475th Quartermaster Group

- Defense Energy Support Center (DESC) Americas - Directs Petroleum Distribution and Quality Assurance.
- Supported Customers: Selected Army, Air Force, Navy, and Marine Corps Installations
- Supported Training Base: All Ten Regional Readiness Commands, Eight National Guard Commands and Two Navy Expeditionary units. (Several Active Component units have also expressed interest)

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QLLEX-04 Integrated Exercises

- Joint Thunder
- Grecian Firebolt
- Rio Lobo
- Prairie Thunder (NTC REHAT)
- Golden Medic

Geographic Orientation TY-04

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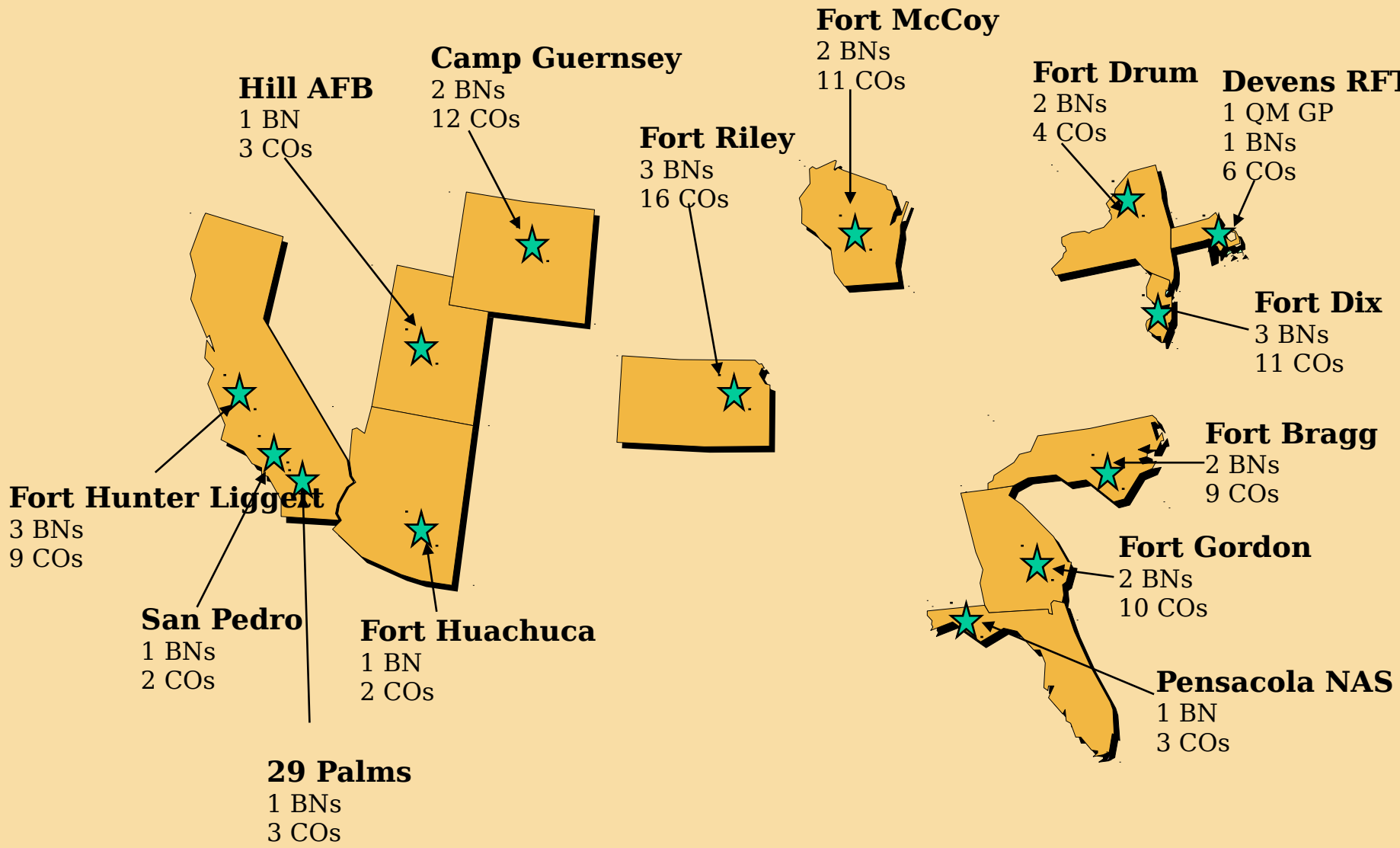

Line Haul Mission

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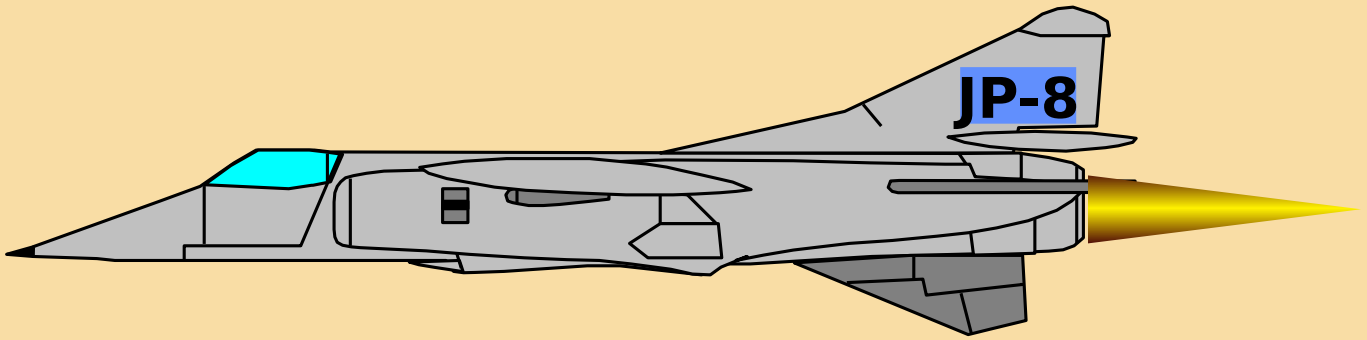
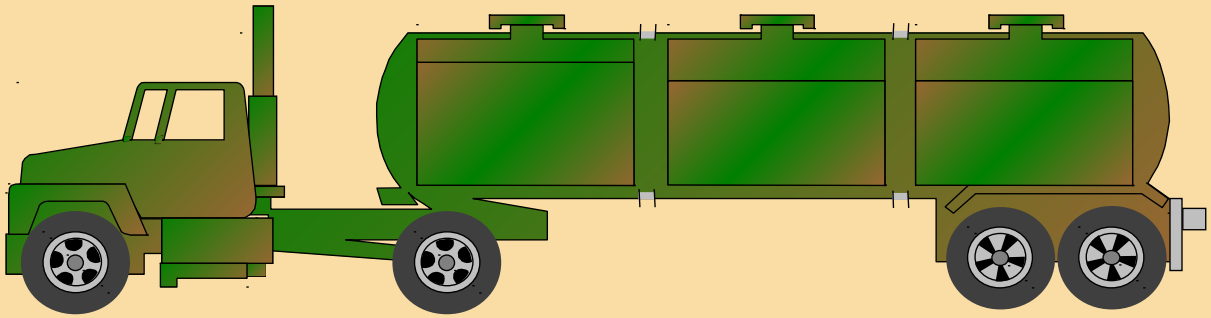
- **Hands On Training Mission**
- **Reserve Assets Replace Civilian Haulers**
- **Fuel Drawn from DFSP and Distributed to Real World Customers**



Storage Mission

475th Quartermaster Group

- **Receipt, Transport, Storage, and Accountability of Fuel**
- **Product Received from DFSP**
- **Tactically Stored in Bladders at Field Sites**
- **Mobile Army Labs test to maintain Quality Assurance**
- **Product Delivered to Air Bases and Army Installations**



OLLEX "2004"

Liquid Logisticians

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Water and CSS Mission

475th Quartermaster Group

- Purification, Storage, Distribution, and Accountability of Potable Water
- Tactically Stored in Collapsible Tanks at Annual Training Field Site
- Distribute and Issue to Customers
- Laundry, Shower, and Renovation Services
- Preventative Medical Services

Water and CSS Missons

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RAW WATER SOURCE

LAUNDRY & SHOWER

APPROX 3 MILES

TWDS

ISSUE POINTS 100 K

STORAGE Float Area 100 K

ROWPUs @ 240 K

GRAY WATER

SEWAGE DISPOSAL

TANKER or TWDS

RAW
WASTE
PRODUCT

K = 1,000 gallons
@ = daily production

OLLEX "2004"

Liquid Logisticians

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Why DESC Says QLLEX Is So Important to Homeland Support

QLLEX Provides a Trained Base of Soldiers in Case:

- ✓ Transportation Shortage May Not Meet FEMA Threshold
- ✓ Commercial Fuel Systems Are Destroyed
- ✓ Fewer Commercial Petroleum Trucking Assets
- ✓ Limited Number of Barges and Rail Support
- ✓ Limited Commercial Ca[illegible]risis

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Summary

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- QLLEX Is a *World-class* Combat Service Support Exercise
- Outstanding Command and Control Training
- Provides Real World Support to DOD Customers
- More Opportunities to Practice New Support Techniques
- Exercises Equipment, Personnel, and War Fighting Skills
- QLLEX Improves Army and Combatant Commander's abilities to support the War Fighter

475th Quartermaster Group

Questions ??